

THE OCEANS DAY AT RIO+20





Ocean acidification

Dr Carol Turley



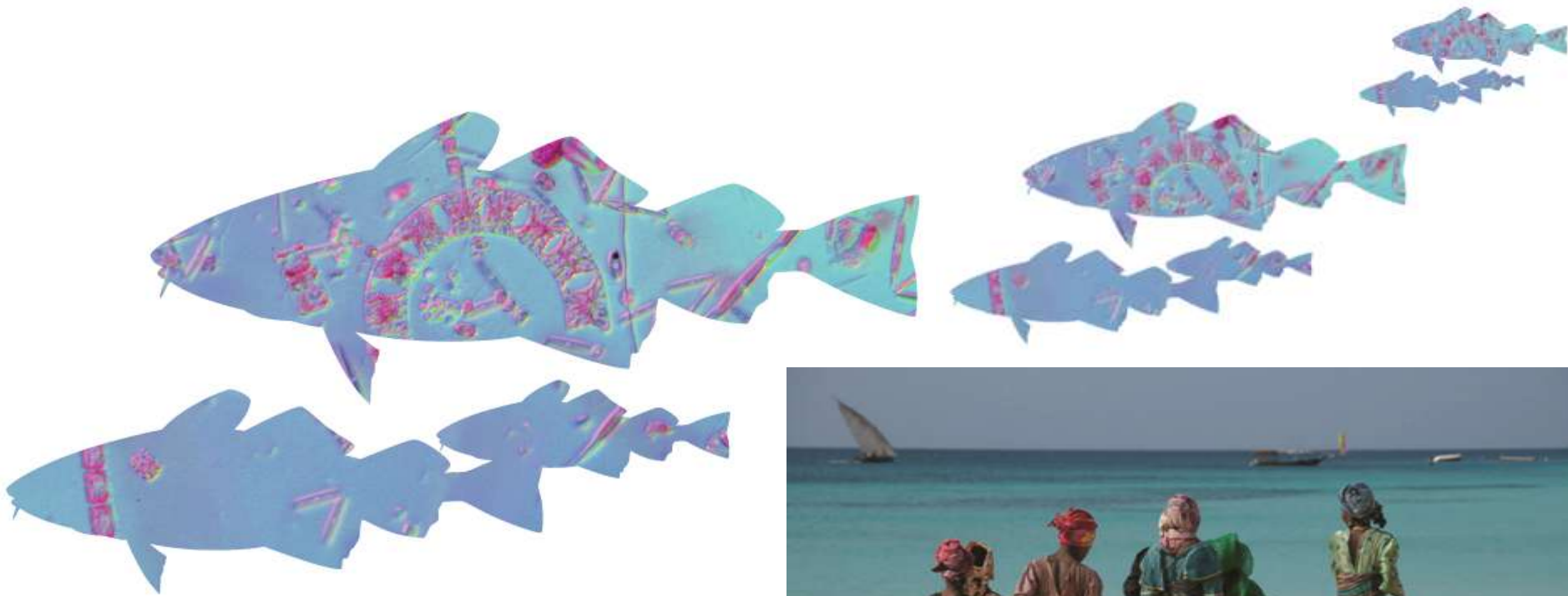
UK Ocean Acidification
Research Programme

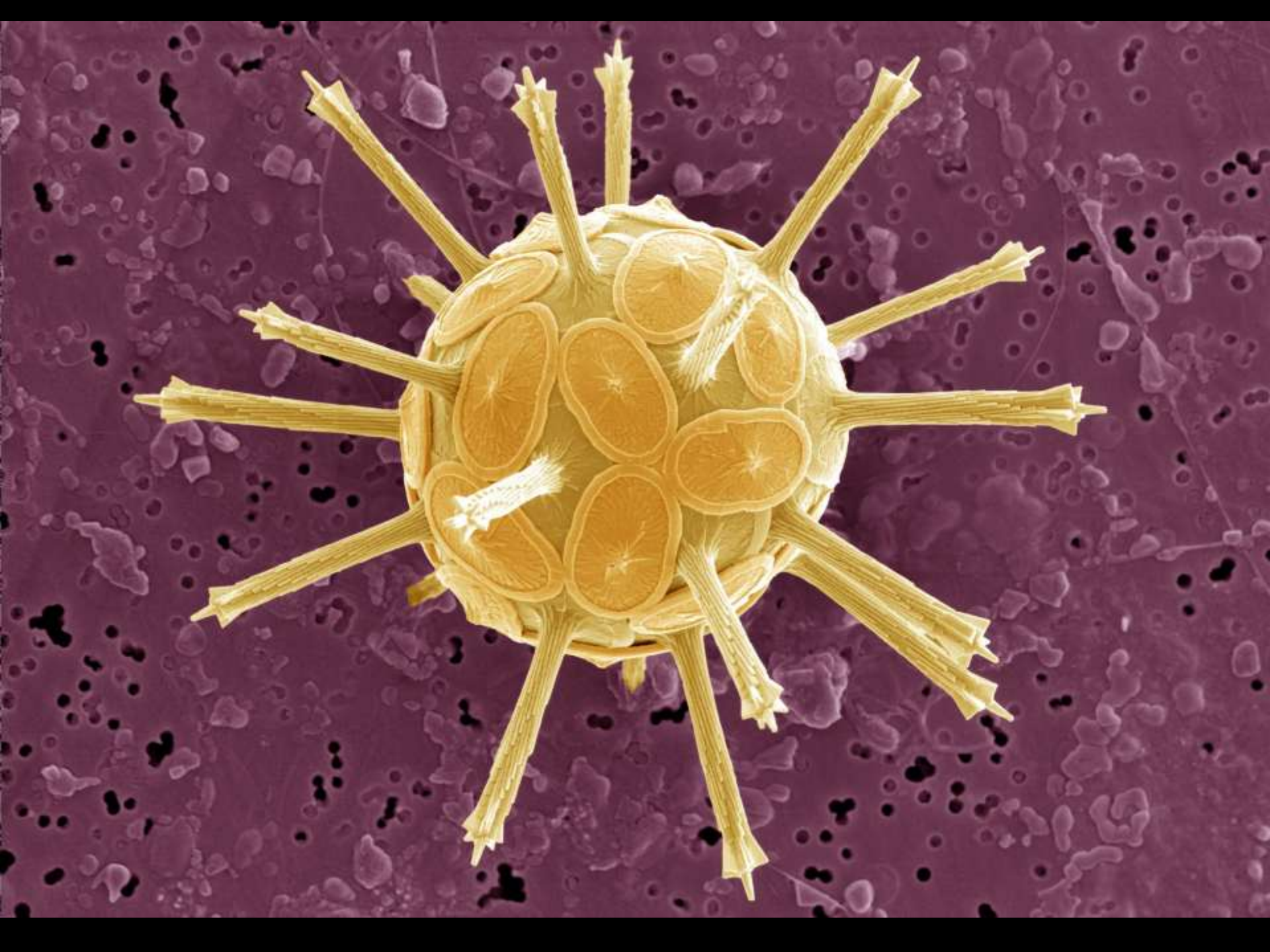






Fish and Us Depend on a Healthy Food Web





Socio-Economic Impacts of Ocean Acidification....



Adaptation to Ocean Acidification?

**At the microscopic through to
the Human**



International Coordinated Research Required ...



What can we do?

As acidification continues, governments will face increased pressure to adopt adaptive policy instruments at the local, national, and international levels



Global Action - the real fix:

- **Rapid and substantial cuts to CO₂ emissions**
- **International planning and financing for adaptation**

Regional and Local Action - buying time to implement the global solution:

- **Determine vulnerabilities**
- **Reduce local sources**
- **Reduce other pressures**
- **Identify flexible and resistant species**
- **Explore other production options**

BUT Ocean Acidification, Warming and Deoxygenation Act Together ...

Overview of causes, impacts and hot spots of interactions

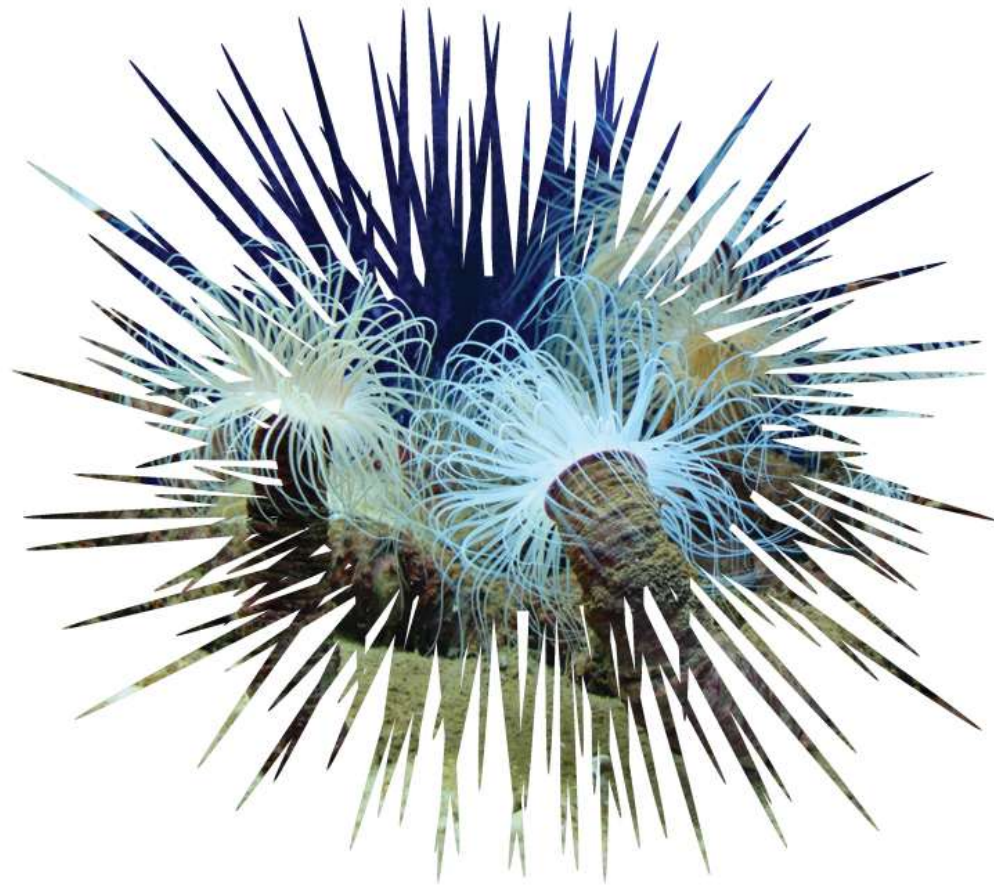


www.oceanunderstress.com

The message is supported by many international and intergovernmental organisations for Rio+20



Conclusion



Ocean acidification *IS* an international issue, relevant to food security and sustainability, requiring global collaborative action

Thank you

The Nature Conservancy



Protecting nature. Preserving life.™



no matter where we live
we all depend on the
ocean



Vietnam

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